What is claimed is:

1.

A method of modulating the immune response of an animal during vaccine protocols comprising:
administering to said animal in oral form an immunonomodulating amount of a preparation comprising immunoglobulin from an animal source.

2.

The method of claim 1 wherein said animal source is blood and fractions thereof.

3.

The method of claim 1 wherein said animal source is egg and fractions thereof.

4.

The method of claim 1 wherein said animal source is milk and fractions thereof.

5.

The method of claim 1 wherein said animal immunoglobulin is recombinant.

6.

The method of claim 1 wherein said recombinant immunoglobulin is expressed in a plant.

7.

The method of claim 1 wherein said recombinant immunoglobulin is expressed in a bacteria.

8.

The method of claim 1 wherein said administration is prior to vaccination.

9.

The method of ~~claim 1~~ wherein said administration is simultaneous with vaccination.

10.

The method of claim ~~1~~ wherein said administration is immediately post vaccination.

11.

The method of ~~claim 1~~ wherein said administration is delivered via said animal's water supply.

12.

The method of claim 1 wherein said vaccination is Rotavirus vaccine.

13.

The method of claim 1 wherein said vaccination is PRRS vaccine.

14.

A dietary supplement for use in modulating the immune system and improving weight gain and feed efficiency of animals comprising:

administering to ~~said~~ animal an immunoglobulin preparation,

wherein said administration occurs to the animal at 10 days post-weaning or older.

15.

The supplement of ~~claim~~ 14 wherein said animal source is blood and fractions thereof.

16.

The supplement of claim 14 wherein said animal source is egg and fractions thereof.

17.

The supplement of claim 14 wherein said animal source is milk and fractions thereof.

18.

The supplement of claim 14 wherein said animal immunoglobulin is recombinant.

19.

The supplement of claim 14 wherein said recombinant immunoglobulin is expressed in a plant.

20.

The supplement of claim 14 wherein said recombinant immunoglobulin is expressed in a bacteria.

21.

A dietary supplement for use in modulating the immune system and improving feed efficiency and survival of animals comprising:

administering to said animal an immunoglobulin preparation,

wherein said administration occurs to the animal when in disease challenged states and in starting animals.

22.

The supplement of claim 21 wherein said animal source is blood and fractions thereof.

23.

The supplement of claim 21 wherein said animal source is egg and fractions thereof.

24.

The supplement of claim 21 wherein said animal source is milk and fractions thereof.

25.

The supplement of claim 21 wherein said animal immunoglobulin is recombinant.

26.

The supplement of claim 21 wherein said recombinant immunoglobulin is expressed in a plant.

27.

The supplement of claim 21 wherein said recombinant immunoglobulin is expressed in a bacteria.

28.

The supplement of claim 21 wherein said administration is via said animal's water supply.

29.

The supplement of claim 21 wherein said administration ranges from about 0.325% - 1.3% plasma concentration in said water supply.

30.

The supplement of claim 21 wherein said animal is in the poultry family.

31.

The supplement of claim 21 wherein said disease challenged states consists of respiratory disease states.

32.

The supplement of claim 21 wherein said respiratory disease states is selected from the group consisting of: avian influenza, chronic respiratory disease, infectious sinusitus, pneumonia, fowl cholera, infectious synovitis, or any other disease state associated with altered IgG levels.

33.

A method of modulating the immune response of an animal during periods of stress comprising:

administering to said animal in oral form an immunomodulating amount of a preparation comprising immunoglobulin from an animal source.

34.

The method of claim 33 wherein said animal source is blood and fractions thereof.

35.

The method of claim 33 wherein said animal source is egg and fractions thereof.

36.

The method of claim 33 wherein said animal source is milk and fractions thereof.

37.

The method of claim 33 wherein said animal immunoglobulin is recombinant.

38.

The method of claim 33 wherein said recombinant immunoglobulin is expressed in a plant.

39.

The method of claim 33 wherein said recombinant immunoglobulin is expressed in a bacteria.

40.

The method of claim 33 wherein said administration is 10 days post weaning.

41.

The method of claim 33 wherein said administration is via said animal's water supply.

42.

The method of claim 33 wherein said administration via said water supply begins with one day old animals or upon disease challenge.

43.

The method of claim 33 wherein said periods of stress include respiratory diseases to said animal.

44.

The method of claim 33 wherein said respiratory disease states is selected from the group consisting of:
avian influenza, chronic respiratory disease, infectious sinusitus, pneumonia, fowl cholera, infectious synovitis, or any other disease state associated with altered IgG levels.